

AM1037981

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SUB CODE: ME, AC

SUBMITTED: 21Oct63

NR REF SOV: 052

OTHER: 011

DATE ACQ: 06Apr64

Card 2/2

GUDKOV, Aleksandr Ivanovich; LESHAKOV, Pavel Semenovich; RAYKOV,
Leonid Gerasimovich; CHERIKOVSKIY, N.N., inzh., red.;
MOROZOVA, P.B., red.izd-va; VLADIMIROVA, M.S., tekhn.red.

[External loads and the strength of aircraft] Vneshnie na-
gruzki i prochnost' letatel'nykh apparatov. Moskva, Oboron-
giz, 1963. 479 p. (MIRA 17:2)

PHASE I BOOK EXPLOITATION

SOV/6281

Raykov, Leonid Gerasimovich, Candidate of Technical Sciences

Nagrev letatel'nykh apparatov v polete (Heating of Aircraft in Flight). Moscow, Voenizdat M-va obor. SSSR, 1962. 97 p. (Series: Za voyenno-tekhnicheskiye znaniya). Errata slip inserted. 7500 copies printed.

Ed.: S. I. Lazarevich, Engineer, Major; Tech. Ed.: R. I. Chapayeva.

PURPOSE: This book is intended for technical, engineering, and flight personnel in the Air Force, Civil Air Fleet, and the All-Union Voluntary Society for Promotion of the Army, Aviation, and Navy. It may also be used by students in flight and aviation-technology schools.

COVERAGE: The book analyzes aerodynamic heating in supersonic aircraft and resultant structural changes. Sources of heating are studied, and data on new materials and coatings capable of withstanding increased temperature loads are given, along with problems related to structural strength at high temperatures. No

Card 1/3

Heating of Aircraft in Flight

SOV/6281

personalities are mentioned. There are 35 references: 31 English, 2 German, and 2 Soviet.

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Card 2/3	

Heating of Aircraft in Flight

SOV/6281

AVAILABLE: Library of Congress

SUBJECT: Aerospace

Card 3/3

AD/jsj/jk
3/22/63

RAYKOV, L.

SURNAME, Given Names

Country: Bulgaria

Academic Degrees: Senior Scientific Colleague

Affiliation: Given

Source: Ispr., Prirada, Vol X, No 4, July/August 1981, pp 31-35

Data: "Bulgarian Meadows."

GPO 981643

Raykov, L.

BULGARIA/Soil Science - General Problems.

J-1

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10445

Author : Raykov, L.

Inst : ..

Title : Basic Measures for Increasing the Fertility of the Soils
of Bulgaria.

Orig Pub : Priroda, 1956, 5, No 6, 23-28.

Abstract : No abstract.

Card 1/1

RAYKOV, Lulcho [Raikov, Lulcho]

Achievements of Bulgarian soil science. Pochvovedenie no.3:
100-104 Mr '65. (MIRA 18:6)

BULGARIA / General and Specialized Zoology - Insects

0-7

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 23291

Author : Paykov, Nachev

Inst : Not Given

Title : Kampimodromus bulgaricus Breg. sp. n. -- a New Species of
Mite -- a Grape Pest in Bulgaria.

Orig Pub : Byul. rastitelna zashchita, 1955 (1956), 4, No 6-7, 92

Abstract : No abstract

Card : 1/1

SOV/135-59-10-20/23

25(1), 28(1)

AUTHORS: Kravetskiy, G.A., and Raykov, N.D., Engineers

TITLE: Tape Control Machines for Oxygen Cutting

PERIODICAL: Svarochnoye proizvodstvo, 1959, Nr 10, pp 43-46 (USSR)

ABSTRACT: The authors present a report on tape-control machines for oxygen cutting, constructed by the British firms Ferranti, British Oxygen Co and the firm EMI. There are 2 photographs, 2 diagrams and 5 English references.

Card 1/1

RAYKOV, N.N.

Improvement in the feed blades of the "Nagema" marking machine.
Kons. i ov.prom. 13 no.3:13-14 Mr '58. (MIRA 11:4)

1. Kerchenskiy konservnyy zavod.
(Canning industry--Equipment and supplies)
(Marking devices)

HAYKOV, N.N.

Experience of the Kerch' Canning Factory in improving several
parts of the steam-heated fryer. Kons. i ov. prom. 13 no.5:10-11
My '58. (MIRA 11:5)

1. Kerchenskiy konservnyy zavod.
(Canning industry--Equipment and supplies)

RAYKOV, N.N.

Experience of the Kerch' Canning Factory in improving several
parts of the steam-heated fryer. Kons. 1 ov. prom. 13 no.5:10-11
My '58. (MIRA 11:5)

1.Kerchenskiy konservnyy zavod.
(Canning industry--Equipment and supplies)

RAYKOV, N.N.

Reinforcing the camshaft of the PH-63/250 drawing press for
cans. Kons. i ov. prom. 14 no.7:6-7 J1 '59. (MIRA 12:9)

1. Kerchenskiy konservnyy zavod.
(Canning industry--Equipment and supplies)

RAYKOV, N.N.

Double-row punch press for manufacturing SKK crown lids. Kons.1
ov.prom. 14 no.2:24-25 F '59. (MIRA 12:3)

1. Kerchenskiy konservnyy zavod.
(Canning industry--Equipment and supplies)
(Power presses)

RAYKOV, N.N.

Increasing the life of heat exchangers of steam-heated
deep-fat fryers. Kons. i ov. prom. 16 no.7:26-27 J1 '61.
(MIRA 14:8)

1. Kerchenskiy konservnyy zavod.
(Canning and preserving--Equipment and supplies)
(Heat exchangers)

RAYKOV, H.N.

Magazine for feeding SKO lids to glass jars on the "Nagema" machine.
Kons. i ov. prom. 13 no.4:6-7 Ap '58. (MIRA 11:4)

1. Kerchenskiy konservnyy zavod.
(Canning industry--Equipment and supplies)

RAYKOV, N. V.

The Epicentral Zone of the Crimean Earthquakes. Instituta of the USSR
Academy of sciences No 3, 1930.

Raykov, P.

RAYKOV, P.

ATANASOVA, S.
SURNAME (in case); Given Name

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Khizana, No 2, Mar/Apr 61, pp 25-26

Data: "Sh. Dysenterias 3 Have Been Separated for the First Time
in Bulgaria."

Co-authors:

RAYKOV, P., Sofia
BOZAKOV, Zdr. "
POPOV, Khr. "
MEYCHEVA, El. "
GINCHEV, P. "

RAYKOV, R.

Automatic Device for Cleaning of Castings. Leka Promishlenost (Light Industry) #12:39:Dec. 1955

RAYKO, V., arkhitektor

Construction of swine-fattening farms in Czechoslovakia.
Sil'. bud. 12 no.1:21-23 Ja '62. (MIRA 16:12)

BABICHENKO, S.I.; KRYLOV, L.N.; RAYKOV, V.S.; UTEKHIN, A.P.

Improving the accuracy of radiometric analysis of multicomponent
samples. Atom. energ. 18 no.4:426-428 Ap '65.

(MIRA 18:4)

L 3163-66 EWT(m)/EWP(t)/EWP(b) DIAAP/IJP(c) JD
 UR/0089/65/018/004/0426/0428
 ACCESSION NR: AP5018137

AUTHOR: Babichenko, S. I.; Krylov, L. N.; Raykov, V. S.; Utekhin, A. P.

2/
 B

TITLE: Improved multicomponent radiometric analysis

SOURCE: Atomnaya energiya, v. 18, no. 4, 1965, 426-428

TOPIC TAGS: gamma spectrum, gamma spectroscopy, radiation instrument, uranium,
 radium, thorium, potassium

ABSTRACT: The results of gamma-spectrum analysis $N=f(E)$ of uranium, radium, thorium, and potassium were used for estimating the stability of gamma spectrometers. Studies were made of the construction principles of a high-stability amplitude pulse analyzer with differential channels and of the methods for improving the efficiency of radiometric analysis of multicomponent specimens. Differential gamma spectra are given for uranium, U_{308} , thorium, and potassium in a 15-kev channel with the level discrimination at 95 ± 3 kev. Orig. art. has: 2 graphs, 2 tables, 1 figure.

Card 1/2

L 3163-66

ACCESSION NR: AP5018137

ASSOCIATION: none

SUBMITTED: 24Feb64

NR REF SOV: 002

ENCL: 00

OTHER: 000

SUB CODE: NP, OP

NA

Card 2/2 *red*

BULGARIA/Plant Diseases - Diseases of Cultivated Plants.

O.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 16031

Author : Ye. Raykov

Inst :

Title : Anthracnose of the Grape Vine.
(Antrakmoz vinogradnoy lozy).

Orig Pub : Lozarstvo i vinarstvo, 1956, No 4, 210-212.

Abstract : Anthracnose infesting has been observed in vineyards in several rayons of Bulgaria. It is recommended that from spring on 3-4 sprayings with 1-2% solutions of Bordeaux mixture be made and that during the autumn when the vineyards are clear of leaves a 30% solution of green vitriol with 2% sulfuric acid added be sprayed, as well as that sanitary measures be exercised.

Card 1/1

COUNTRY : USSR
 CATEGORY : Plant Diseases. Cultivated Plants. 0
 ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11305
 AUTHOR : Raykov, Y., Yonev, S.
 INST. : -
 TITLE : Incubation Periods of Mildew.
 ORIG. PUB. : Vinodeliye i vinogradarstvo SSSR, 1958, No. 1, 29-36
 ABSTRACT : The incubation periods of mildew upon the infection with the winter and summer spores are considered in connection with the periods and number of sprayings. The length of the incubation period is determined by proceeding from the average diurnal temperatures. On the oily spots, almost all conidiospores appear during the first three days after the formation of conidia carriers owing to which the new infections do not occur uninterruptedly but in flareups. The authors consider that the spraying of the vineyards should be done before

CARD: 1/2

0

Plant Diseases. Diseases of Cultivated Plants.

ABST. JOUR. REF ZHUR - BIOLOGIYA, NO. 4, 1953.

AUTHOR
INST.
TITLE

Raykov, Ye.B.
Bulgarian Sci. Res. Inst. of Viticulture and Wine-
Beech Pest Control in Bulgaria.

No. 1953

ORIG. N° : :

Sadovodstvo, vinara. darstvo i
vinoveliye Vellavil, 1952, No.1,
61-64

ABSTRACT

In 1952 a gummy necrosis of rare vines -
"Bulgarian" - developed prominently
in the vineyards situated in the open in
the north of Bulgaria. Full treatment of the
vines with liquid soap (0.25 - 0.5 percent)
for 10-15 days almost completely protected
the vines from the infection. In the control the infection
developed to 50%. The infection of the plant
was observed in 1953 in the fall of 1952
revealed that all the vines were healthy in

* Making (Pleven)
** Labor Cooperative Farm Station
1/1

W. L. L. :
G. L. L. Y. :

REF. PUB. : REF ZHUR - BIOLOGIYA, NO. 4, 1959;

No. 1956

W. L. L. :
G. L. L. Y. :
L. L. L. E :

ORIG. PUB. :

ABSTRACT

: ventilated storehouses, and in cellars
where the relative humidity was 85 - 90%
up to 10% of the plants were afflicted. In
cellars where the temperature fluctuated
from -5 to +7 degrees with a high humidity,
50 - 60% of the plants were infected. Fur-
ther experiments showed that S developed in
a temperature which fluctuated below and
above 0 degrees. It is possible that the
: variation in temperature weakened the vege-

CARD:

2/3

RAYKOV, Yem.

BULGARIA/Plant Diseases - Disease of Cultivated Plants.

0-3

Abc Jour : Ref Zhur - Biol., No 15, 1958, 68568

Author : Raykov, Yem.

Inst : Pleven Scientific Research Institute of Wine-Making and Viticulture.

Title : New Preparations Against Grape Vine Mildew.

Orig Pub : Byul. rastit. zashchita, 1957, 6, No 1, 51-54.

Abstract : In 1956, when mildew was very wide spread, a number of preparations containing copper and without copper, acquired from various countries, were tested. Over the summer ten treatments were conducted according to incubation periods. An 0.5% vitigran solution (Cu oxychloride) from West Germany gave the best results and was in no way inferior to bordeaux mixture. Nitrite (dinitrorodanbenzole) from the USSR (.025% and 0.5% solutions) also

Card 1/3

RAYKOVA, Ye.V.

Morphological and cytochemical changes in the oocytes of sterlet and sturgeon under the influence of the parasitism of Polypodium hydriforme Ussov (Coelenterata). Dokl. AN SSSR 152 no.4:985-988 0 '63.
(MIRA 16:11)

1. Institut tsitologii AN SSSR. Predstavleno akademikom Ye.N. Pavlovskim.

SMOL'YANOV, I.I.; RAYKOVA, Ye.V.

Occurrence of sexually mature Polypodium hydriforme Ussov
(Coelenterata) on sturgeon fry. Dokl. AN SSSR 141 no.5:1271-1274
D '61. (MIRA 14:12)

1. Institut morfologii zhivotnykh im. A.N. Severtsova AN SSSR
i Institut tsitologii AN SSSR. Predstavleno akademikom Ye.N.
Pavlovskim.

(Volga River—Coelenterata)
(Parasites—Sturgeons)

RAYKOV, Yu.M., starshiy leytenant, voyenny letchik vtorogo klassa

If you learn to glide in from a far-our battle position, you can
feel confident in any flight. Vest.Vozd.Fl. no.9:41-43 S'60.

(MIRA 13:10)

(Ground controlled approach)

KALINKOV, M.; RAYKOVA, D.

Radiants of meteors. Astron.tsir. no.218:18-19 F '61.
(MIRA 14:7)

1. Sektsiya astronomii Bolgarskoy Akademii nauk.
(Meteors)

RAYKOVA, I.; PYATAYEVA, A., dotsent

Ippolit Ivanovich Granitov; on his 60th birthday. Uzb. biol. zhur.
no.3:72 '60. (MIRA 13:7)

1. Chlen-korrespondent Akademii nauk UzSSR (for Raykova).
(GRANITOV, IPPOLIT IVANOVICH, 1900-)

RUSANOV, F.N., prof.; RAYKOVA, I.A., otv.red.; CHERNYAVSKAYA, A.B.,
red.izd-va; BARTSEVA, V.P., tekhn.red.

[Initial introduction of Yucca species in Uzbekistan] Pervichnaya
introduktsiya vidov roda Yucca v Uzbekistan. Tashkent, Izd-vo
Akad.nauk Uzbekskoi SSR, 1959. 109 p. (MIRA 13:12)

1. Tashkentskiy botanicheskiy sad (for Rusanov). 2. Chlen-
korrespondent AN UzSSR (for Raykova).
(Uzbekistan--Yucca)

RAYKOVA, I.A.

Charles Darwin; on the hundredth anniversary of the publication
of his "Origin of species." Uzb.bicl.zhur. no.5:3-10 '59.

(MIRA 13:4)

(DARWIN, CHARLES ROBERT, 1809-1882)

RUSANOV, F.N.; RAYKOVA, I.A., doktor biol. nauk, otv. red.;
LYUBETSKAYA, R.Kh., red.; KARABAYEVA, Kh.U., tekhn.
red.

[Botanical Garden of the Academy of Sciences of the
Uzbek S.S.R.] Botanicheskii sad AN UzSSR. Tashkent,
Izd-vo AN UzSSR, 1963. 74 p. (MIRA 17:1)

MURZOVA, R.M.; RAYKOVA, I.A., doktor biol. nauk, otv. red.;
ENGALYCHEVA, D.Z., red.

[Peganum crithmifolium and the possibilities for its
introduction into cultivation] Miagkoplodnik rassechen-
nolistnyi i vozmozhnosti vvedeniia ego v kul'turu.

Tashkent, Izd-vo "Nauka," UzSSR, 1965. 45 p.

(MIRA 18:12)

1971-1972, Year: NTOMO-POLISH, F.O.G.; RAYKOV, I.A.

Results of the research on the development of high mountain farming in the Pampas. Trudy Pam. biol. sta. 1971-73. 103.

(MIRA 10/10)

RAYKOVA, I. I.; YU. USHENOV, K. I.

Some results of the improvement of desert pastures in Gorno-Badakh-
shan aut nomad Province. Trudy Pam. biol. sta. 1:34-52 '63.
(MIRA 17:10)

RAYKOVA, I.A.

Prospective grasses for cultivation in the Eastern Pamirs. Trudy
Bot.inst.Ser.6 no.7:244-247 '59. (MIRA 13:4)

1. Pamirskaya biostantsiya Botanicheskogo instituta AN TadzhSSR.
(Pamirs--Grasses)

RAVKOVA, F. and TIRKCHIROV, F. (Veterinarians)

"Work Experience of the Gvardeyskiy (Guard) Zooveterinary District."

SO: Veterinariya; 30 (8); August 1953

ROB. V. V. S. I. A. I. A. I. A.

Advances in botany in Uzbekistan during the Soviet period.

Rauch. trudy TashGU no.241. Biol. nauki no.44:3-28 '64.

(MIRA 18:7)

RAYKOV, SV.

About Non-permissible Over-expenditures of the "Wage" Fund at Nonmetallic Mining Enterprises. Minno Delc (Mining), #3:78:Mar 55

RAYKOVA, I.A.

Results of bringing alpine regions of Pamirs under cultivation and biological foundations for the improvement of feed supply. Trudy TashGU no.187:175-192 '61. (MIRA 15:3)

1. Tashkentskiy gosudarstvennyy universitet imeni V.I.Lenina i Pamirskaya biostantsiya Pamirskoy bazy Tadzhikskoy AN.
(Pamirs--Agriculture)

RAYKOVA, I.A.; BORODIN, Ye.S.

Changes in the ontogenesis of the old-world winterfat (*Eurotia ceratoides* C. A. M.) under the conditions of Tashkent. Trudy TashGU, no.187:149-158 '61. (MIRA 15:3)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina i Botanicheskiy sad AN UzSSR.
(Tashkent region--Winterfat)

BOKUNIN, Y. S.; NAYKOVA, I. A.

"Shifts in ontogenesis and rhythms of plant development on introduction of plants from extreme highland conditions to flat-land conditions."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

AS USSR.

IKONNIKOV, S.S.; RAYKOVA, I.A., prof., otv.red.; BATALOVA, M.A., red.izd-va;
GELLER, S.P., tekhn.red.

[Guide to the vegetation of the Pamirs] Opređelitel' rastenii
Pamira. Dushanbe, 1963. 280 p. (Pamirskaja biologicheskaja
stantsiia. Trudy, no.20). (MIRA 17:3)

MOKEYEVA, Ye.A.; RAYKOVA, I.A., otv. red.

[Alfalfa (*Medicago sativa* L.); structure and development] Litserna
siniaia (*Medicago sativa* L.) stroenie i razvitie. Tashkent, Izd-vo
SAGU, 1957. 159 p. (Tashkent, Universitet. Trudy Sredneaziatskogo
gosudarstvennogo universiteta, no.100). (MIRA 11:5)
(Alfalfa)

L 00750-66 EWT(m)/EPF(c)/EWP(j)/T/ETG(m) RPL WW/RM

ACCESSION NR: AP5020967

UR/0190/65/007/008/1344/1347

AUTHOR: Zubov, P. I.; Smirnova, A. M.; Raykova, T. V.

TITLE: Preparation of organodispersions of chlorinated polyvinyl chloride

SOURCE: Vysokmolekulyarnyye soedineniya, v. 7, no. 8, 1965, 1344-1347.

TOPIC TAGS: polyvinyl chloride, chlorinated organic compound, chemical dispersion, block copolymer, polymerization, acrylonitrile, plastic film

ABSTRACT: Improvement in the properties of film forming chlorinated PVC was attempted by radical polymerization of acrylonitrile in its solutions. Organodispersions were formed by polymerizing 3-15% acrylonitrile in 10-20% solutions of chlorinated PVC (containing 61% Cl), and the physico-chemical properties of the modified PVC were determined. With a given acrylonitrile concentration the ratio of Cl-PVC: PAN (polyacrylonitrile) in the product was constant, regardless of initial Cl-PVC concentration. It was thus concluded that graft copolymers were formed. The viscosity of the organodispersion was reduced as the PAN

Card 1/2

L 00750-66

ACCESSION NR: AP6020967

content increased, while the strength of the film formed therefrom was somewhat higher than strength of Cl-PVC film. The elasticity was essentially the same up to 24% PAN and with more PAN the film became brittle. The viscous flow and glass temperatures of the materials increased with increase in PAN content. The values of the thermomechanical properties of the graft copolymers were also higher than those of mechanical mixtures of homopolymers of Cl-PVC and PAN. Orig. art. has: 2 tables and 5 figures.

ASSOCIATION: Institut fizicheskoy khimii AN SSSR (Institute of Physical Chemistry AN SSSR)

SUBMITTED: 04Sep64

ENCL: 00

SUB CODE: MT, GC

NR REF SOV: 004

OTHER: 000

Card 2/2

CHERNOVA, A.N.; POZHAROV, V.V.; CHERNOVA, T.V.; LITVINOV, V.I.

Effect of dispersed iron oxides as an active filler on the physical and mechanical properties of polymeric materials. Dokl. Akad. Nauk SSSR, 1985, no.3:663-665, 15 refs. (ENGLISH)

1. Dokl. Akad. Nauk SSSR, 1985, no.3:663-665, 15 refs. (ENGLISH)
(Iron) (Polymers)

L3803

S/069/62/024/006/008/009
B101/B180

// 2721
AUTHORS:

Smirnova, A. M., Raykova, T. V., Brodova, E. I., Kovarskaya,
L. B.

TITLE:

Effect of filler dispersity and grinding time on the
physicomechanical properties of polymers

PERIODICAL: Kolloidnyy zhurnal, v. 24, no. 6, 1962, 742-748

TEXT: Thermomechanical curves were plotted for Novolac phenol formaldehyde resin K-18 (K-18), polystyrene, and polyethylene mixed with various quantities of iron powder with dispersity between 1 and 17 m²/g. Results: Even small additions (30%) of coarse iron powder accelerate the setting of Novolac. With large additions (70%) the material loses its plasticity, becoming elastically solid and thermally stable as a result of structuralization. The effect of the filler increases with dispersity. In polyethylene the flow point is only raised by large additions (80%). Structuralized polyethylene remains highly elastic above the melting point of pure polyethylene. With 90% addition the material loses its plasticity and the structure is more ordered. Increased dispersity has

Card 1/2

SMIRNOVA, A.M.; KOVARSKAYA, L.B.; RAYKOVA, T.V.; TOPOROV, Yu.P.

Effect of the shape of iron powder particles as fillers on the structural and mechanical properties of filled polyethylene. Koll.zhur. 25 no.6:683-688 N-D '63. (MIRA 17:1)

1. Institut fizicheskoy khimii AN SSSR, Moskva.

SMIRNOVA, A. M.; RAYKOVA, T. V.; BRODOVA, E. I.; KOVARSKAYA, L. B.

Effect of the dispersity of filler and its grinding time on
the physicomachanical properties of polymers, Koll. zhur. 24
no.6:742-748 N-D '62. (MIRA 16:1)

1. Institut fizicheskoy khimii AN SSSR, Moskva.

(Polymers) (Colloids)

86051

S/020/60/135/003/037/039
B004/B060

Study of the Effect of Additions of Dispersed
Iron as an Active Filler on the Physico-
mechanical Properties of Polymer Materials

and thermal stability. Fig. 1 shows the effect of the Fe content on the
polymer strength. Different behaviors were observed, depending on the
nature of the polymers. The thermomechanical investigation showed for
resinol resin an increase of the vitrification temperature and a de-
crease of deformability with an increase of iron content. Pure resol
resin: 40% deformation at 150°C; resol resin with 80% Fe: 6% deforma-
tion at 300°C. In polyethylene, deformation as a function of tempera-
ture is hardly influenced by iron (at a content of up to 80% Fe). A
sudden change appears at 90% Fe. The 8% deformation occurring at 150°C
remains constant up to 400°C. It is believed that highly filled poly-
ethylene represents oriented films linked to the filler by adsorption-
chemical bonds. There are 4 figures and 8 Soviet references.

PRESENTED:

June 18, 1960, by P. A. Rebinder, Academician

SUBMITTED:

June 1, 1960

Card 2/3

Card

CIA-RDP86-00513R001444410017

8605:

S/020/60/135/003/037/039

B004/B060

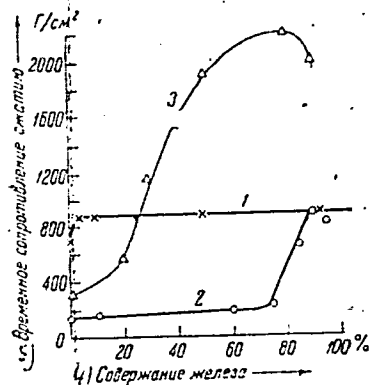


Fig. 1

Legend to Fig. 1:
Mechanical strength of polymers as a function of the content of iron powder as a filler. 1: polyamide resin-68, 2: polyethylene, 3: phenol-formaldehyde resin (resol resin), 4: iron content, 5: resistance to compression (g/cm^2).

Card 3/3

RAYKOVA, Ye.V.

Early parasitic stages in the developmental cycle of Polypodium
hydriforme Ussov (Coelenterata). Dokl. AN SSSR 154 no. 3:742-
743 Ja '64. (MIRA 17:5)

1. Institut tsitologii AN SSSR. Predstavleno akademikom Ye.N.
Pavlovskim.

RAYKOVA, Ye.V.

Cytomorphological study of female gonads of the coelenterate
Polypodium hydiforme. Zoologicheskii zhurnal 5 no. 11:393-403 31-Aug '63.
(MIRA 17:8)

1. Laboratoriya tsitologii kletki Instituta tsitologii AN
USSR, Leningrad.

RAYKOVA, Ye.V.

Unicellular parasitic stages of the life cycle of Polypodium
hydriforme Ussov (Coelenterata). Zool. zhur. 43 no.3:409-
411 '64. (MIRA 17:5)

1. Institute of Cytology, Academy of Sciences of U.S.S.R.,
Leningrad.

RAYKOVA, Ye. V.

"Recherches sur le cycle evolutif de Polypodium hydriforme Ussov (Coelenterata) parasite des oeufs d'Acipenseridae."

report submitted for 1st Intl Cong, Parasitology, Rome, 21-26 Sep 1964.

Inst of Cytology, Prospekt Maklina 32, Leningrad F-121.

RAYLOVA, YE. V.

Dissertation defended at the Zoological Institute for the academic degree of Candidate of Biological Sciences:

"Developmental Cycle of Polynodium hydroforme Ussov (Coelenterata)--
a Parasite of Sturgeon Roe."

Vestnik Akad Nauk No. 4, 1963, pp. 119-145

COUNTRY : USSR.
 CATEGORY : Zoological Parasitology. Other Parasites. 7
 ABS. SOUR. : REHriol., No. 14, 1958, No. 62700.
 AUTHOR : ~~Ravkova, Ye. V.~~
 INST. : All-Union Institute of Lake and River Fisheries.
 TITLE : Polypodium hydriforme and Its Epizootological
 Significance.
 ORIG. PUB. : Nauchno-tekhn.* in-ta oz. i rechn. rybn. kh-va,
 1957, No. 5, 46-49.
 ABSTRACT : P. hydriforme infests the spawn in the larvae
 of the sterlet and other fish. Data are sub-
 mitted on the infection of the sterlet by this
 polyp in the lower parts of the Kama River.
 Prophylactic measures for the control of the
 infestation are proposed.

* byul. Vses. n.-1.

CARD: 1/1

RAYKOVA, Ye.V.

Life cycle of Polypodium hydriforme Ussov (Coelenterata) [with summary in English]. Zool. zhur. 37 no.3:345-358 Mr '58. (MIRA 11:4)

1. Laboratoriya bolezney ryb Vsesoyuznogo nauchno-issledovatel'skogo instituta ozernogo i rechnogo rybnogo khozyaystva, Leningrad.
(Kama River--Hydrozoa) (Parasites--Sturgeons)

RAYKOVA, Ye.V.

Morphological and cytochemical investigation of the parasitic stages of development of Polypodium hydriforme Ussov (Coelenterata).
TSitologiya 2 no.2:235-251 Mr-Apr '60. (MIRA 14:5)

1. Laboratoriya morfologii kletki Instituta tsitologii AN SSSR,
Leningrad.

(COELENTERATA--ANATOMY)

RAYKOVA, Ye.V.

Development of male gonads and spermatogenesis in Polypodium
hydriforme. TSitologiya 3 no.5:528-544 S-O '61. (MIRA 14:10)

1. Laboratoriya morfologii kletki Instituta tsitologii AN SSSR,
Leningrad. (SPERMATOGENESIS IN ANIMALS) (COELENTERATA)

RAYKOVA, Ye.V.

Cytological characteristics of free-living stages in the development
of Polypodium hydriforme. TSitologiya 3 no.4:396-408 J1-Ag '61.
(MIRA 14:8)

1. Laboratoriya morfologii kletki Instituta tsitologii AN SSSR,
Leningrad.
(COELENTERATA) (PARASITES--STURGEONS)

AUTHOR: Raykova, Ye. V.

SOV, 20-121-3-42/4

TITLE: Histochemical Investigation of the Parasitic Larva of Polypodium hydriforme Ussov: Coelenterata (Gistokhimicheskoye issledovaniye paraziticheskoy lichinki Polypodium hydriforme Ussov (Coelenterata.))

PERIODICAL: Doklady Akademii nauk SSSR, Vol. 121, Nr 3, pp. 549 - 552 (USSR)

ABSTRACT: The cycle of development of the above mentioned type of parasite of the sturgeon spawn is only partly known (Ref 1,2). In order to be able to fill this gap the author studied its earliest stages of development, which are understood (Refs 3,4). The author found the mentioned stages in the ovocytes of Acipenser ruthenus in the third stage of maturity (Ref 5). The eggs of Acipenser ruthenus in case of being befallen by the parasite distinguish themselves from the healthy ones only by darker color and larger size (1,5 - 2 mm compared with 1,3 mm). The enclosed parasites (Fig 1) look like planula-like larvae of two layers with a size of 0.5 - 2.5 mm. The bigger larvae are bent and have inflations for the future kidneys. From sections can be seen that the parasite is often placed near the nucleus

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Histochemical Investigation of the Parasitic Larva
of Polypodium hydriforme Ussov Celenterata

SOV/20-121-3-42/47

without damaging it (Fig 2). Around the larva is a capsule separating it from the yolk of the egg. Both layers of the larva are formed from cylindrical epithelium. Their nuclei take the following positions: in the external layer in the distal part; in the internal layer in the basal part. The nuclei of the cells are round or oval. Some of them contain 2 nucleoli each. Mitoses occur in both layers. The cells of the external layer have lashes (Figs 3 I, L). Between the two cells and fastened onto the internal layer are spindle-shaped interstitial cells (Figs 3V, D). Desoxyribonucleic acid is localized in the nuclear chromatine. Its amount is about the same in both layers. It is also present in the nucleoli and in the cytoplasm. A particularly large amount is found in the nucleoli and in the interstitial cells. From the distribution of the granulae which contain acidic muco-polysaccharides the author draws the conclusion that the larva shows a reverse position of the seed leaves: the internal layer of the cell is the ectoderm, whereas the external layer - with lashes - represents the endoderm. This opinion is contrary to Lipin's view (Ref 1). At the end of the paper the reaction towards protein, the distribution of fat, and

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Histochemical Investigation of the Parasitic Larva
of Polypodium hydriforme Ussov (Coelenterata)

SOV/20-121-3-42/47

the structure of the capsule are described (Fig 2 i, Figs 3 B, Z, I, L), and the problem of nutrition is discussed. There are 3 figures and 10 references, 3 of which are Soviet.

ASSOCIATION: Institut tsitologii Akademii nauk SSSR (Institute of Cytology,
AS USSR)
Vsesoyuznyy nauchno-issledovatel'skiy institut ozernogo i rechnogo
rybnogo khozyaystva (All-Union Scientific Research Institute
of Lake and River Fisheries)

PRESENTED: February 27, 1958, by Ye. N. Pavlovskiy, Member, Academy of
Sciences, USSR

SUBMITTED: February 21, 1958

Card 3/3

KOROVYAKOV, I.A.; NELYUBIN, A.Ye.; RAYKOVA, Z.A.; KHORTOVA, L.K.; GON'SHAKOVA, V.I., nauchnyy red.; POSPELOVA, A.M., red.izd-va; IYERUSALIMSKAYA, Ye., tekhn.red.

[Origin of Noril'sk trap intrusions bearing sulfide copper-nickel ores.] Proiskhozhdenie noril'skikh trappovykh intruzii, nesushchikh sulfidnye medno-nikelevye rudy. Moskva, Gosgeoltekhizdat, 1963. 100 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. Trudy, no.9). (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya (for Korovyakov, Nelyubin, Raykova, Khortova).

L 34696-66
ACC NR: AP6025851

SOURCE CODE: CZ/0030/65/000/010/0318/0321

AUTHOR: Rajkovic, M.--Raykovich, M. (Bratislava)

ORG: none

TITLE: Piston pressure gages

SOURCE: Jemna mechanika a optika, no. 10, 1965, 318-321

TOPIC TAGS: pressure gage, fluid viscosity

ABSTRACT: This article is the second and final part of an article begun in No. 9 of the same journal. It continues discussion of the theory of piston pressure gages and presents tables of the coefficients of viscosity of various liquids. Orig. art. has: 3 figures, 12 formulas and 5 tables. [JPRS: 33,909]

SUB CODE: 13, 20 / SUBM DATE: 09May65 / ORIG REF: 002 / SOV REF: 001
OTH REF: 005

Card 1/1

UDC: 531.787

0916 0982

SEVULESKU, A. [Savulescu. A.]; g. Bukharest, Rumyniya; RAYANU, M.,
g. Bukharest, Rumyniya; RAYKU, K., g. Bukharest, Rumyniya;

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001444410017-5

Determining the rot resistance of seeds and seedlings in corn
varieties, lines, and hybrids by the "cold" germination method.
Agrobiologia no.5:763-765 S-O '61. (MIRA 14:10)
(Corn (Maize))--Varieties)
(Germination)

RAYKUNOVA, L.M.

Possibility of increasing the speed rate of automatic looms by means of a drive with noncircular pinions. Izv. vys.ucheb.zav.; tekhn.tekstil.prom. no.6:83-92 '61. (MIRA 15:1)

1. Leningradskiy tekstil'nyy institut imeni S.M.Kirova.
(Looms)

RAYKUNOVA, L.M.

Possibility of increasing the speed of automatic looms by means
of unbalancing the speed of the main shaft with springs. Izv.vys.
ucheb.zav.; tekhn.tekst.prom. no.3:77-83 '61. (MIRA 14:7)

1. Leningradskiy tekstil'nyy institut im. S.M. Kirova.
(Looms)

RAYKUNOVA, L.M.

Studying the irregularity of the rotation of the main shaft in
automatic looms. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.4:
66-73 '61. (MIRA 14:9)

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova.
(Looms--Testing) (Automatic control)

RAYSKAYA, M.G.

New developments in the manufacture of fruit juice (from
"Food Manufacture," no.3, Mar., 1959). Kons.i ov.prom. 14
no.12:31-34 D '59. (MIRA 13:3)
(United States--Fruit Juices)

I. A. PAVLOVSKAYA.

27785. PAVLOV, D. A. i PAVLOVSKAYA, I. A.--issledovanie vnutrikristallicheskoy
difkuzsii v metallicheskikh splavakh.- v ocl. 2-ye svy: A. A. PAVLOVSKAYA. Izvestiya
rozk. Aviats. tekhnol. in-ta, vyy. 7, 1949, S. 30-32.-- Bibliogr: S. 32.

30: Letopis' Nauchnykh Statey, vol. 37, 1949.

27745. RETROVSKAYA, I. A.

27745. RETROVSKAYA, I. A. i PETROV, D. A. -- issledovanie vnutrikristallische-skoy
likvatsii v metallicheskh splavakh. -- v otl. 2-y avt: I. A. RETROVSKAYA.
Trudy vosh. khimich. tekhnol. in-ta, vyp. 7, 1948, s. 20-32.

Sp. Litopis' Khimicheskoy Stat'y, vol. 37, 1948.

RAYKOVSKAYA, L. A.: PETROV, D. A.

Alloys

Investigation of intracrystalline liquation by the method of microhardness. Izv. AN SSSR
Otd. khim. nauk. no. 2, March-April 1952.

9. Monthly List of Russian Accessions, Library of Congress, August ¹⁹⁵²~~1953~~, Uncl.

PETROV, D.A.; RAYKOVSKAYA, L.A.

Intercrystalline liquation by the method of microhardness. Izvest.
Akad. Nauk S.S.S.R., Otdel Khim.Nauk '52, 225-9. (MIRA 5:5)
(CA 47 no.15:7416 '53)

RA (ALUMINUM) L. N.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Metallurgy and Metallography

(2) Met
Intermetallic Reaction by the method of microanalysis.
D. A. Petrov and M. A. Gerasimova. *Bull. Acad. Sci.*
U.S.S.R., Div. Chem. Sci. 1953, 261-4 (Engl. translation).
See C.A. 47, 7416d. H. L. H.

RAIKOVSKY, E. I.

M

Gas Welding Magnesium Alloys of the Elektron Type. A. L. Shlitsberg and E. I. Raikovskiy (*Aviation. Prom.*, 1941, (13), 11-12).—[in Russian.] Welding tests were carried out on 1.5-mm. sheet of Elektron alloys of the types MA1 (1.3-1.7% manganese) and MAZ (6-7% aluminium, 0.2-0.5% magnesium, and 0.8-1.2% zinc). Practical hints are given.—D. A.

2 / Metallurgy

12

ANDON'YEV, Sergey Mikhaylovich, kandidat tekhnicheskikh nauk; RAYKOVSKIY,
Yuriy Borisovich, inzhener; FILIP'YEV, Oleg Vladimirovich,
inzhener; SHINDAREVA, Klara Yakovlevna, inzhener; KOROTETSKIY, D.N.,
otvetstvennyy redaktor; LIBERMAN, S.S., redaktor izdatel'stva;
SINYAVSKAYA, Ye.K., redaktor izdatel'stva; ANDRMYEV, S.P.,
tekhnicheskiiy redaktor

[Evaporative cooling of open-hearth furnaces; fundamentals of
cooling and principles of design] Isparitel'noe okhlazhdenie
martenovskikh pechei; osnovnye polozheniya sistemy okhlazhdeniya i
printsipy ee proektirovaniya. Pod obshchei red. S.M.Andon'eva.
Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po cherno i tsvetnoi
metallurgii, 1957. 356 p. (MLRA 10:6)
(Open-hearth process) (Evaporating appliances)

RAJYDIA. Yh.

Kokhoznyi radio-zel. [Radio center of a collective farm]. (Moskva?)
Estgosizdat, 1951. 24 p. (In Estonian).

SC: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

RAYKU, P. (Bukharest, Rumyniya); POPOVICH, I. (Bukharest, Rumyniya)

Investigating pollination selectivity in corn. Agrobiologia
no.6:824-832 N-D '62. (MIRA 16:1)
(Corn breeding)

RAYLLO, A. I.

"Diagnostical Estimation of Morphologican and Cultural Characteristics in Species of Fusarium," Itogi Nauchno-Issledovatel'skikh Rabot Vsesoiuznogo Instituta Zashchity Rastenii za 1935 Goda, 1936, pp. 524-525. 423.92 L431

SO: SIRA SI90-53, 15 Dec. 1953

RAYLLO, A. I.

"Taxonomy of the Genus *Fusarium* and a Method for the Determination of the Species Belonging to It," Trudy Botanicheskogo Instituta Akademii Nauk SSSR, Seriya 2:
Sporovye Rasteniia, no. 3, 1936, pp. 803-857. 451 Sa 21P

SO: SIRA SI-90-53, 15 Dec. 1953

RAYLLO, A. I.

Fungi of the Genus Fusarium, State Publishers of Agricultural Literature, Moscow,
1950, 415 pp. 464.07 R13

SO: SIRA SI-90-53, 15 Dec. 1953

RAYILO, A. I.

"Diagnostical Estimation of Morphological and Cultural Characters of Species in the Genus Fusarium," Trudy po Zashchite Rastenii, Seria 2, no. 7, 1935, pp. 5-99.

423.92 L54P

SO: SIRA SI-90-53, 15 Dec. 1953

RAYLLO, I.V. (Leningrad, Mokhovaya ul., d.26, kv.25)

Abscessography in an abscess form of tuberculous spondylitis. Vest.
rent. i rad. 35 no. 2:30-34 Mr.-Ap '60. (MIRA 14:2)

1. Iz rentgenovskogo otdeleniya (nauchnyy rukovoditel' - chlen-
korrespondent AMN SSSR prof. G.A. Zedgenidze) Nauchno-issledovatel'-
skogo instituta khirurgicheskogo tuberkuleza (direktor - deystvitel'-
nyy chlen AMN SSSR P.G. Kornev).
(SPINE---TUBERCULOSIS)

RAYLLO, I.V.
GRATSIANSKIY, V.P., professor; RAYLLO, I.V.

Osteochondrosis of the vertebral body (calvé's-Pertbes disease)
[with summary in English]. Vest.rent. 1 rad. 32 no.3:58-65 My-Je '57.
(MIRA 10:10)

1. Iz Leningradskogo instituta khirurgicheskogo tuberkuleza i
kostno-sustavnykh zabolevaniy (dir. - deystvitel'nyy chlen AMN SSSR
prof. P.G.Kornev)

(SPONDYLITIS, case reports
vertebra plana)

14(8)

PHASE I BOOK EXPLOITATION

SOV/1585

Spravochnik po okhrane truda i tekhnike bezopasnosti (Handbook on Industrial Safety and Safety Engineering) Moscow, Metallurgizdat, 1958. 470 p.
12,000 copies printed.

Compilers: P. I. Raylo and M. Ye. Zhilo; Ed. of Publishing House: A. I. Brushteyn;
Tech. Ed.: L. V. Dobuzhinskaya.

PURPOSE: The handbook is intended for those individuals in national economic councils and industrial establishments responsible for workers' safety. It may also serve as a safety engineering manual for engineering and technical personnel in ferrous metallurgy and for workers of planning organizations.

COVERAGE: This handbook is an enlarged edition of the volume published by Metallurgizdat in 1948. It contains the following material dealing with the improvement of health conditions at work: 1) instruction on the conduct of compulsory preliminary and periodical medical examinations; 2) sanitation standards when planning industrial establishments (N101-54), with changes introduced as of Jan 1, 1958; 3) sanitation regulations governing the transport, storage, accounting, and work with radioactive substances, approved on

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Handbook on Industrial (Cont.)

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April 14, 1957. The handbook contains decrees, directives, instructions, and other data on the industrial safety of workers and safety engineering in force as of August 1, 1958. There are no references, and no personalities are mentioned.

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